

ABSTRACT OF THE DISCLOSURE

The surface-coated member 1 is constituted by coating the surface of the base body 2, made of such a material as cemented carbide or cermet, with the hard coating layer 3 that comprises at least one TiCN layer 4 and the Al_2O_3 layer 6 formed on the surface of the TiCN layer 4, wherein the TiCN layer 4 is constituted from stringer-like TiCN crystal grown in a direction perpendicular to the base body 2 and mean crystal width w_1 of the TiCN layer 4 on the Al_2O_3 layer 6 side is made larger than mean crystal width w_2 on the base body 2 side. This surface-coated member, as a cutting tool, shows excellent breakage resistance and high wear resistance with a long service life, where strong adhesion force of the hard coating layer can be maintained without experiencing peel-off between the TiCN layer and the Al_2O_3 layer even in cutting operations under harsh cutting conditions, such as intermittent cutting operation where the cutting edge is subject to strong impact.